

SPECTRUM CHEMICAL MANUFACTURING CORP. -- POTASSIUM HYDROXIDE -- 6810-00-281-9827

=====  
Product Identification  
=====

Product ID:POTASSIUM HYDROXIDE

MSDS Date:05/02/1991

FSC:6810

NIIN:00-281-9827

MSDS Number: BDTFH

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:213-516-80

00

Emergency Phone Num:213-516-8000, CHEMTREC 800-424-9300

CAGE:63415

=== Contractor Identification ===

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

=====  
Composition/Information on Ingredients  
=====

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: >85%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

=====  
Hazards Identification  
=====

LD50 LC50 Mixture:ORAL RAT:365MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE:SEVERE IRRITATION/BURNS OF EYES,  
SKIN AND RESPIRATORY OR GI TRACT,SEVERE REDNESS OF EYES,BLURRED  
VISION. CHRONIC: LUNGS OR G.I. TRACT DAMAGE,DERMATITIS;CORROSIVE TO  
ALL BODY TISSUE.

Effects of Overexposure:SEE HEALTH

HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

=====  
First Aid Measures  
=====

First Aid:INHALATION:REMOVE TO FRESH AIR;SEE MEDICAL HELP IMMEDIATELY.  
EYES:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES,CALL A PHYSICIAN AT ONCE. SKIN:WASH WITH LARGE AMOUNTS OF WATER. INGESTION:SEEK MEDICAL HELP IMMEDIATELY.

=====  
Fire Fighting Measures  
=====

Flash Point:NONE  
Extinguishing Media:DRY CHEMICAL,CO2,FOAM,WATER SPRAY.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.  
Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE OR EXPLOSION HAZARD.

=====  
Accidental Release Measures  
=====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;COLLECT SOLID MATERIAL IN AIR TIGHT CONTAINER OR DILUTE WITH WATER,USE SUITABLE INERT ABSORBENT MATERIAL & RECOVER FOR PROPER DISPOSAL.WASH THE SURFACE WITH PLENTY OF WATER.  
Neutralizing Agent:DIL,ACIDS.

=====  
Handling and Storage  
=====

Handling and Storage Precautions:STORE IN COOL,DRY AREA.KEEP AWAY FROM OXIDIZERS & ACIDS.

=====  
Exposure Controls/Personal Protection  
=====

Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA OR RESPIRATOR FOR VAPORS/MIST IF ABOVE TLV/PEL.  
Ventilation:LOCAL EXHAUST/GENERAL TO MAINTAIN PEL/TLV.  
Protective Gloves:IMPERVIOUS.  
Eye Protection:CHEMICAL GOGGLES/FACE SHIELD

Other Protective Equipment:EYE-WASH,SAFETY SHOWER,FULL SKIN AND EYE PROTECTION.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:B1

Boiling Pt:=1320.C, 2408.F

Melt/Freeze Pt:=361.C, 681.8F

Spec Gravity:2.044

pH:13.5

Solubility in Water:COMPLETE

Appearance and Odor:HYGROSCOPIC, ODORLESS, WHITE OR SLIGHTLY YELLOW

LUMPS, RODS, PELLETS, OR FLAKES

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZER, ACID/METALS.

Stability Condition to Avoid:WATER/EXTREME HEAT.

Hazardous Decomposition Products:HEAT,FLAMMABLE HYDROGEN.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.